Reporting Suite

The Reporting Suite offers automated generation of listings and reports, as well as functionality for repository content and usage analysis.

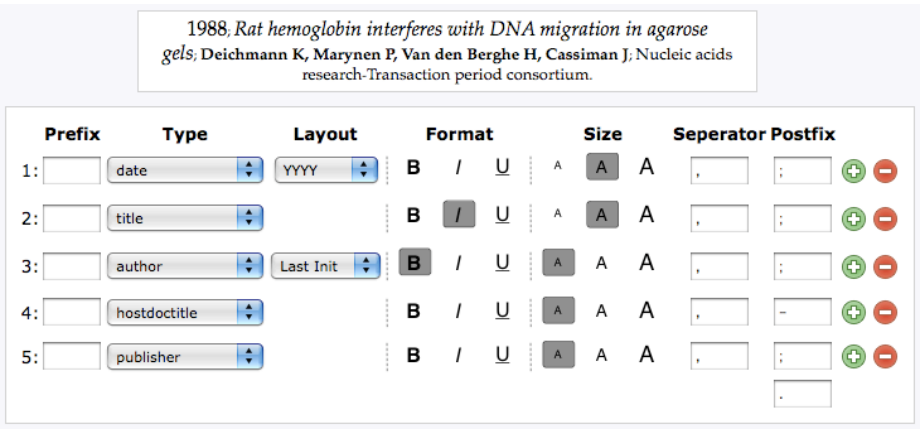
For the institution's management the contents of the repository form an important source of data for internal strategic evaluation. The Reporting Suite's functionality aids in tapping this source. Reports and analysis based on a repository's content can support complex decisions, such as department mergers or staff promotions.

This document describes the **Reporting Suite v2.0** functionality. The **Repository Suite v2.0** is available for public evaluation at **@mire Labs (http://atmire.com/labs).**

Automated generation of listings and reports

The reporting suite provides a fast and reliable way to automatically generate lists, thanks to user-friendly techniques for retrieving content and customization of layout properties.

- The end-user can generate a report, summary or bibliography consisting of certain items in your organization's repository in just 4 easy steps.
- Different grouping parameters, sorting options and lay-out customizations guarantee the expected result.
- In combination with the Information Conversion Suite, users can be enabled to export their reports, summaries or bibliographies in a wide range of file formats, such as Microsoft Word, Adobe PDF, HTML, ...
- Reports, summaries or bibliographies can be generated for different kind of groups such as individuals, organizational units, publication types, ...



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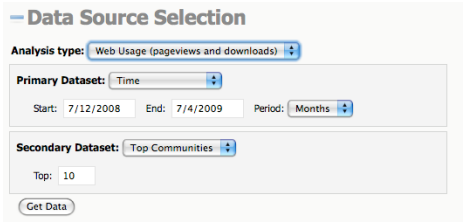
Content Usage Analysis module (CUA)

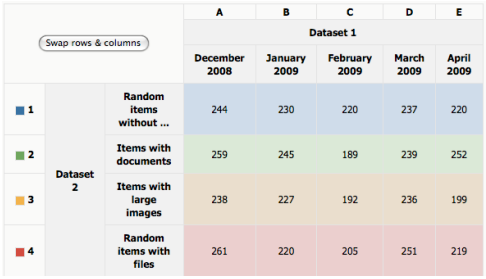
The Reporting Suite's Content Usage Analysis module, CUA, offers the most comprehensive solution to **repository usage** and **content analysis** for DSpace today.

It all starts with the Data



To enable advanced repository usage and content figures, @mire enhanced the existing DSpace logging system, in order to provide more complete and usable data. Together with repository content data (number of items over time, for different collections and communities), the enhanced logging system is the most important data source for the CUA module. The usage data is stored in a separate search index in order to provide very fast access to statistical data.

The administrator interface - Creating data tables and graphs

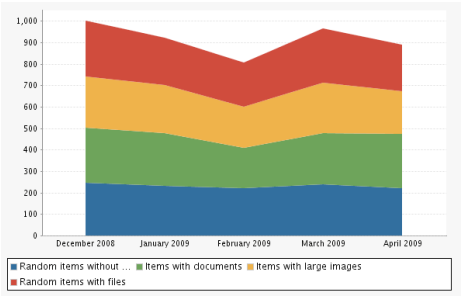


The administrator interface enables fine grained configuration of data tables and graphs. Two types of analyses are differentiated: **Web Usage analysis**, relying on usage data from the enhanced logging system and **Repository Content analysis**, relying on aggregated (meta)data from items, submission dates, collection and community properties. The Data Source Selection assists you to define which types of data to include in the Data Table. From this data table, different graph representations can be derived from the Data table, all inside your DSpace web interface.

Customizable Statlets for each page in DSpace

With the CUA module, an administrator can use all of the functionality and power from the administrator interface to create data tables and graphs, to produce "Statlets" that can be enabled for the different types of web pages in DSpace. Examples include:

- specific item level statistics on item pages
- collection or community statistics
- general repository statistics for the DSpace homepage



Which statlets to include on which DSpace pages can be easily configured in an XML config file.

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